CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/KRIDL/W.No.13/CSR-06/361/Cube/2017-18 01.07.2017

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

*** Customer**	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
*** Agency**	:	**Technical Manager (West),** KRIDL, Bangalore.
*** Name of the work**	:	Construction of RCC drains & CC roads at Lake view side Defence Colony at Mallasandra in Ward No. 13, Shettyhalli Sub Division, BBMP, Bangalore.
*** Reference**	:	BBMP/EE/DD/WO/100/2017-18 Dated: 13.06.2017
*** Sample ID**	:	Dry Lean Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	Dry Lean Concrete
Compressive Strength as on	:	7^{th} day
Sample Received on	:	01.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.06.2017	01.07.2017	8.248	248.3	11.04
2	24.06.2017	01.07.2017	8.317	265.8	11.81
3	24.06.2017	01.07.2017	8.423	273.3	12.15

*Information is furnished by the Customer/Representative.

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VIDYARANI P.K.
Technical Manager

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಿಂಟೋ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

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*** Reference**	:	BBMP/EE/DD/WO/100/2017-18 Dated: 13.06.2017
*** Sample ID**	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	26.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.06.2017	26.07.2017	8.186	711.5	31.62
2	28.06.2017	26.07.2017	8.272	726.4	32.28
3	28.06.2017	26.07.2017	8.349	738.3	32.81

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AE-13

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*** Reference**	:	BBMP/EE/DD/WO/100/2017-18 Dated: 13.06.2017
*** Sample ID**	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	26.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.06.2017	26.07.2017	8.186	715.6	31.80
2	28.06.2017	26.07.2017	8.272	698.8	31.06
3	28.06.2017	26.07.2017	8.349	731.3	32.50

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*** Sample ID**	:	Road Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
*** Grade of Concrete**	:	M_{30}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	28.07.2017

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	30.06.2017	28.07.2017	8.159	748.9	33.28
2	30.06.2017	28.07.2017	8.347	724.2	32.19
3	30.06.2017	28.07.2017	8.291	736.9	32.75

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